



महाराष्ट्र शासन

**Govt. Vidarbha Institute of Science and Humanities
Amravati, Maharashtra, India**



ANNUAL QUALITY ASSURANCE REPORT

AQAR 2014-2015

Submitted to

National Assessment and Accreditation Council

Bangalore - 560072, Karnataka, India

By

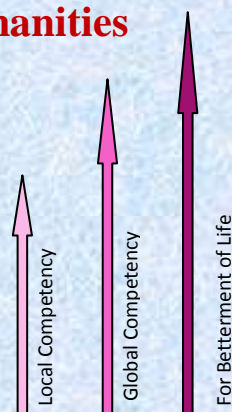
Director

**Govt. Vidarbha Institute of Science and Humanities
Amravati, Maharashtra, India**

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GVISH. Amt

The Annual Quality Assurance Report (AQAR) of the IQAC

AQAR Period: 1 July 2014 to 30 June 2015

Part – A

1. Details of the Institution

1.1 Name of the Institution

Govt. Vidarbha Institute of Science and Humanities, Amravati

1.2 Address Line 1

V M V Road

Address Line 2

Kathora Naka

City/Town

Amravati

State

Maharashtra

Pin Code

444 604

Institution e-mail address

directorgvishamravati@gmail.com

Contact Nos.

0721-2531706

Name of the Head of the Institution:

Dr. Sangita S. Yawale

Tel. No. with STD Code:

0721-2531706

Mobile:

N A

Name of the IQAC Co-ordinator:

Dr. Anjali Deshmukh

Mobile:

9158755577

IQAC e-mail address:

iqac.gvishamt@gmail.com

1.3 NAAC Track ID

OR

1.4 NAAC Executive Committee No. & Date:

EC/32/004 Dated 03 May 2004

1.5 Website address:

www.gvishamt.org

Web-link of the AQAR:

1.6 Accreditation Details

Sr. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B++	80.25	2004	2009

1.7 Date of Establishment of IQAC :

1.8 AQAR for the year

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR of 2009-2010 submitted to NAAC on (24/09/2016)
- ii. AQAR of 2010-2011 submitted to NAAC on (24/09/2016)
- iii. AQAR of 2011-2012 submitted to NAAC on (24/09/2016)
- iv. AQAR of 2012-2013 submitted to NAAC on (24/09/2016)
- v. AQAR of 2013-2014 submitted to NAAC on (24/09/2016)

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

Type of Institution: Co-education Men Women

Urban Rural Tribal

Financial Status: Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Physical Edu.)
TEI (Edu) Engineering Health Science Management
Others (Specify) Home Science

1.12 Name of the Affiliating University (*for the Colleges*)

Sant Gadge Baba Amravati
University, Amravati

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt./University
University with Potential for Excellence UGC-CPE
DST Star Scheme UGC-CE
UGC-Special Assistance Programme DST-FIST
UGC-Innovative PG programmes Any other (*Specify*)
UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers
2.2 No. of Administrative/Technical staff
2.3 No. of students
2.4 No. of Management representatives
2.5 No. of Alumni
2.6 No. of any other stakeholder and
Community representatives
2.7 No. of Employers/ Industrialists
2.8 No. of other External Experts
2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

- Heads of the respective departments supervise the **completion of prescribed syllabi**.
- Teachers are **motivated to attend seminar /conferences/ workshops** and they attend orientation, refresher and short term courses also.
- Teachers are encouraged to submit proposals for **Major and Minor research project**. They are also encouraged to apply and participate in **post-doctoral and equivalent programs** in India as well as abroad.
- IQAC conducts **Academic and research Audit** in order to see the regularity and teachers' devotion toward the students and results. It also notifies various activities of teachers' concerning teaching and research.
- **Diamond Jubilee Lecture Series** was arranged
- Students Council celebrated Swami Vivekanand Jayanti as "Youth Day" on 12 Jan. 2015.
- **Women's Day** was celebrated on 8th March 2015.
- **'INSPIRE'**: the activity is run by the department of Mathematics to inspire students of M.Sc. **to prepare for NET/SLET Examinations**. Every Friday 15 questions are displayed on the notice board based on the NET/SET pattern, students try to solve them on weekend and the answers are displayed on Monday.
- The wallpaper "**Mathematics News Today**" was showcased to make students aware of the recent developments in the world of Mathematics.
- "**Mathematics Model Exhibition**", on the theme "Mathematics in Real Life", was organized and the best models in the exhibition were awarded.
- Department of Mathematics organizes **Regional level NET/ SET Preparation Workshop** in which after every lecture worksheets were given to the students and they were asked to solve them.
- **MoU was signed** and exchanged with Science College, Nanded by **Department of Physics**

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year 2014-15 towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action		Achievements
1	To prepare AQAR of 2014-15 and submit.	<ul style="list-style-type: none"> • AQAR of 2014-15 prepared and submitted
2	To organize the conference/ /workshop.	<ul style="list-style-type: none"> • 03 National and 03 University level; Total 06 conferences/workshops were organized.
3	To organize Workshop/seminars for students	<ul style="list-style-type: none"> • State level Seminar competition was organized by Geography department for students on 'Field Analysis of Social Issues.' • "Mathematics Model Exhibition", on the theme "Mathematics in Real Life", was organized and the best models in the exhibition were awarded. • 'INSPIRE' the activity is run by the department of Mathematics to inspire students of M. Sc. to prepare for NET/SET Examinations. • Department of Mathematics organized Regional level NET/SET Preparation Workshop in which after every lecture worksheets are given to students and ask them to solve. • MoU was signed and exchanged with Science College, Nanded by Department of Physics
4	To provide special guidance to meritorious students	<ul style="list-style-type: none"> • 46 students were placed in the merit list of Amravati University with Gold medals to six out of them. (See Annexure I) • 29 students were qualified for NET/SET (See Annexure II)
5	To organize Guest Lectures in order to popularize the subject.	<ul style="list-style-type: none"> • Department of Physics and Electronics arranged Guest-lectures of eminent persons so that students can get a chance of learning from professors outside the institute as well as to motivate them for research.
6	To celebrate various Days.	<ul style="list-style-type: none"> • 15th Aug. and 26th Jan. were celebrated as Independence Day and Republic Day respectively. • 5th Sep.2014 was celebrated as Teacher's Day in the Institute. • On 8th Sep. 2014 International Literacy Day was celebrated by NSS. • NSS Day was celebrated on 24th Sep.2014, Voting Awareness Rally was organized by NSS students on the day

7	To organize excursion/Study tour or industrial visit for UG and PG students.	<ul style="list-style-type: none"> • Botany, Zoology and Political Science, Economics and History departments organized study tours. Students of UG and PG classes arranged excursion/ study tours in which they visited research centre or industrial area or political – historical places, etc. • By this activity students learnt event management, developed leadership in them, actually seen working in the industry and get inspired for entrepreneurship.
8	To conduct academic extension activities.	<p>Many departments of the institute are regularly involved in extension activities:</p> <ul style="list-style-type: none"> • The institution publishes A Multidisciplinary Bi-Annual Research Journal ‘Srujan Prabhat’. (ISSN- 2249-1171) The institution publishes a quarterly science journal ‘Vidarbha Journal of Science’ (ISSN- 0973-8932). • Department of Marathi organized Workshop on Poetry on 25th and 26th Sep 2014 • The department of Marathi Organized Workshop on Grammatical Rules of Writing Marathi on 12th and 13th Feb 2015. • A Workshop was organized on 17 Jan 2015 on research methodology for Languages by the Department of Sanskrit. • Department of Botany organized a workshop on Mushroom Cultivation for Students Sponsored by UGC 240 students.
9	To promote teachers to publish/ present the research papers	<ul style="list-style-type: none"> • Research is the big asset of this institute • 48 faculties of this institute are Ph D supervisors in SGBAU. • 91 students are working under them for their Ph.D. degree in this institute. • 35 students of this institute have been awarded Ph. D degree this year • 58 Research papers are published by the faculty members in the peer-reviewed international journals, Also 29 papers in national peer-reviewed journals and 10 papers in peer-reviewed other level journals were published. Similarly, 11 papers in non peer-reviewed international, 02 in national level and 03 other level journals were published. 42 papers were published in conference proceedings. 68 research papers were presented in International and National as well as Regional conferences. 88

		<p>faculties attended various National as well as International conferences. 18 faculty members of this institute worked as experts, chairpersons and resource persons.</p> <ul style="list-style-type: none"> • 01 faculty member bagged best research paper awards also.
10	To motivate the faculties for their knowledge contribution through print media.	06 books with ISBN Numbers., 3 Chapters in Edited books and 10 books without ISBN number were published.
11	Encouraging staff to send the minor/major research projects.	<ul style="list-style-type: none"> • 02 Major Research Project have been completed, 02 Major research projects are ongoing and 01 Major research project is sanctioned also 07 Minor Research Projects are completed and 08 are ongoing, 01 is sanctioned and 03 are submitted.
12	To arrange programs about students health	<ul style="list-style-type: none"> • NSS unit of this institution organized Blood Donation Camp on 5th Dec.2014. 87 Blood Donors donated blood in this camp. • ‘Jagar Aarogy Chaa Ani Aaharacha’ (Awareness About Health and Diet) was organized on 11 Oct, 2014 by Women Cell. • One day workshop on Importance of Natural Colors of Fruits and Vegetables to safeguard health by Dept. of Home Science on 23/04/2015 • National Nutrition Week was celebrated with the theme Diet and Health. • Blood Donation Forum was established by the Department of Zoology.
13	To arrange programs about the health of staff members.	<ul style="list-style-type: none"> • Guest lecture was arranged on Problems of Heart diseases and solutions on 3 Feb, 2015 which was followed by Free Checkup Camp.
14	For environmental awareness	<ul style="list-style-type: none"> • Plantation Programme was organized by NSS and the Department of Botany separately. • Cleanliness programme was conducted by NSS on Republic Day 26th Jan.2015. • ‘Plastic Eradication Programme’ was organized by the Department of Home Science on 24/01/2015. • ‘Save the Birds’ drive was arranged by N.S.S. in the month of December. • ‘Wruksh Dindi’ (Tree rally) was organised on 19 Jan, 2015 by N.S.S. • ‘Food and Water for Birds Drive’ was successfully conducted by the Department of Zoology.

		<ul style="list-style-type: none"> • ‘World Environment Day’ was celebrated by the department of Botany on 5th June 2014’
15	Program for Social awareness and social responsibilities	<ul style="list-style-type: none"> • Department of Political Science organized workshop for Tribal’s • Street plays on ‘Voting Awareness’ were performed on 24 Oct. 2014 by N.S.S. • Eid Milan Programme was jointly organized by the Departments of Urdu and Persian. • Cleaning Activity was organized by N.S.S. under ‘Swachchha Bharat Abhiyan’ in the vicinity of the institution. • Fund raising for Orphan Children programme was organized by the department of Home Science in Jan 2015
16	Organisation of Social Gathering	<ul style="list-style-type: none"> • Annual social gathering of the college was organized by the students’ council. This activity gives a chance to develop leadership and cultural skills in the students
17	To encourage students to participate in various activities and competitions conducted by different organizations or by university	<ul style="list-style-type: none"> • 20 students represented state at national Level sports meets • 227 students represented the University sport team. • On 17 Nov. 2014 a workshop on resume writing and Computer skills was organized by the Women Cell. • 01 student of Political Science department was selected to participate in parliamentary study class organized by Maharashtra Vidhan Mandal Sachivalay (Legislature Secretariat). • 02 students Botany were selected for the state level Bio- genius Quiz • The students of Department of Music participated in various competitions and achieved success. • N.S.S. and N.C.C. volunteers and cadets achieved success at National, State and University Level. • Students Council celebrated Swami Vivekananda Jayanti as “Youth Day” • Most of the departments of the institution run ‘Wall Paper Magazine’ notable among them are the departments Mathematics, Statistics, Zoology and Home Science
18	To organizes NSS camp	<ul style="list-style-type: none"> • Special Residential camp was organized by N.S.S. Unit at Gopalpur, Dist Amravati during 02/02/2015 to 09/02/2015 and 100 NSS

		volunteers participated in the camp.
20	To encourage NCC activities	<ul style="list-style-type: none"> This year 01 student of the institute was selected for Republic Day parade and 01 for Thal Sainik Camp, Delhi.
21	To encourage Sports Activities and participations	<ul style="list-style-type: none"> 20 students represented state team at national Level. 227 students represented the University sport team. The Institute organized various inter-college tournaments like Cricket, Softball, and Volleyball.
22	To provide special guidance for meritorious students	<ul style="list-style-type: none"> 06 Students got Gold Medals in university examinations.
23	To organize Career Counseling programme	<ul style="list-style-type: none"> Placement cell is active and provides Career guidance and counseling. The cell also organizes Placement Drive/Events for UG and PG students.
24	To organize Programs under ICT	<ul style="list-style-type: none"> Students' computer center is established in the library. Non-teaching staff makes good use of Information Technology while performing routine work. A lecture was organized on 'Safe use of social media websites and online financial transactions.'
25	Collecting Feedback and analyzing	<ul style="list-style-type: none"> Vigilance committee monitors teaching and Feedback is collected through questionnaire. This helps for improving the teaching quality.
26	Celebration of National Days and Jayanti and Punyatithis (Birth and Death Anniversaries) of National heroes.	<ul style="list-style-type: none"> Savitribai Phule Jayanti was celebrated on 3 Jan. 2015 by the Women Cell. To commemorate the great work done by personalities like Chatrapati Shivaji Maharaj, Dr. Babasaheb Ambedkar, Mahatma Gandhi etc. their birth anniversaries/ Death anniversaries were observed.
27	To be aware of our environmental status	<ul style="list-style-type: none"> One day workshop on Environment Awareness was organized on 19 Jan, 2015 by Department of Botany. On 7 Oct 2014 One Day trekking was organized by the Department of Zoology
28	To improve infrastructure facilities as per need	<ul style="list-style-type: none"> Renovation work of the structures housing placement cell, Department of Botany, Department of Zoology and Statistics was carried out.
29	To take steps for increasing linkage and collaborations	<ul style="list-style-type: none"> Three collaborations and one linkage were formed in this academic year.
30	To increase the percentage of NET / SET	<ul style="list-style-type: none"> As an outcome of effective guidance provided by

	qualified students	the faculties, this year 22 students qualified NET examinations, 07 students qualified SET examination, 05 students qualified GATE and 01 student qualified in Maharashtra Public Service Commission Examination.
31	To publish college magazine	<ul style="list-style-type: none"> College Magazine 'Vidarbha Vani' was published in order to promote students' writing skills.
32	To felicitate the faculty and students on their best performance through institute level awards.	<ul style="list-style-type: none"> Institute promotes research by giving "Phule Ambedkar Research Award" to the faculty members. A committee has been formed to scrutinize applications and nominate the awardees. All meritorious students, NET/SET/GATE qualified students, and outstanding performers in various sports, cultural activities, NSS, NCC are felicitated in Annual Gathering.
33	To prepare Biodiversity Register of College Campus.	<ul style="list-style-type: none"> Tree census was carried out by the department of Botany.
34	To develop Library facility	<ul style="list-style-type: none"> Library avail e-journals facility by subscribing DELNATE and N- LIST
35	Encouraging for Innovative and Best practices	<ul style="list-style-type: none"> Staff club of the institute is formed which organizes activities for encouragement of the staff. It also felicitates staff member for their academic and extra co- curricular achievements. Home science department worked on Natural Dye instead of chemical dye and try to popularize the idea for which they arranged Natural Dye Colored Painting Exhibition. Skill development program was run by Home science department and exhibition of embroidery work was organized.
36	To rethink about SWOC of the institute	<ul style="list-style-type: none"> An exercise to revisit SWOC of department(s) and overall College has been carried out, which helped us in identifying our Strengths and Weaknesses.

2.16 Whether the AQAR was placed in statutory body

Yes

Management

Syndicate

any other body

Provide the details of the action taken

AQAR was placed before the Local Advisory Committee of the Institute and after review the suggestions were incorporated.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph.D.	21	Nil	Nil	Nil
PG	19	Nil	5	Nil
UG	03	Nil	Nil	Nil
PG Diploma	Nil	Nil	Nil	Nil
Advanced Diploma	Nil	Nil	Nil	Nil
Diploma	Nil	Nil	Nil	Nil
Certificate	05	Nil	05	Nil
Others	13 M. Phil.	Nil	13 M Phil	Nil
Total	61		23	

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

- CBCS pattern: Elective option and Open options General Interest Courses (GIC) for M Sc II.
- Optional papers are made available for students in B Sc as well as M Sc
- For B Sc students they can opt different groups e.g.
Chemistry, Botany, Zoology (CBZ),
Physics, Electronics, Computer science (PECS),
Physics, Chemistry, Mathematics (PCM),
Physics, Mathematics, Electronics (PME),
Statistics, Mathematics, Computer science (SMCS),
Physics, Mathematics, Computer science (PMCS),
Statistics, Electronics, Computer science (SECS) and
Physics, Chemistry, Computer science (PCCS).
- There are many options available for B. A students and hence flexibility in the curriculum. Students can opt any three out of the following seven groups,
Political science / Music
Economics / Persian / Philosophy
Geography / Psychology
Marathi literature / Hindi lit. /English lit.
History
Home economics
Urdu literature / Sanskrit literature

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	09
Trimester	Nil
Annual	26

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

Annexure III

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Any revision/update of regulation or syllabi is done by the academic and statutory bodies of the university. Many faculty members of the institute are the office bearers of those bodies. They play vital role in these processes.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
160	110	31	14	05 (Director, Lib/Phy. Ed)

2.2 No. of permanent faculty with Ph.D.

67

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
70	40	15	16	2	12	3	2	90	70

2.4 No. of Guest faculty

Nil

Visiting faculty

Nil

Temporary faculty

197

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	14	65	09
Presented papers	09	51	08
Resource Persons	01	07	10

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Use of internet and ICT tools for teaching.
- Use of social media for academic discussions, sharing of information.
- Incorporation of ICT and VLC (Virtual Learning Centre) in teaching and learning.
- Provision of internet and e-books access to the students.
- True Experience Learning. (The department of Political Science arranges for the participation of students as spectators during the sessions of the legislative assembly. This activity provides students an opportunity to personally experience the procedures and functioning of the legislature)

2.7 Total No. of actual teaching days
During this academic year 194

(Annexure IV)

2.8 Examination/ Evaluation Reforms initiated by
The Institution

- Departments of Mathematics, Political Science and History conduct Surprise **tests** in order that students should be always attentive and prepared with answers.
- The Department of Mathematics has adopted **open book test**.
- All science departments award the internal marks on the basis of performance in Unit test, assignments and seminars delivered. **Viva voce** is usually a part of practical examination; but the theory subject like Mathematics also conducts Viva of each PG student in order to give them practice in facing the interview and boost their confidence in communication skills.
- Most of the departments have adopted viva voce for internal evaluation of the students as per the university directions.

2.9 No. of faculty members involved in curriculum Restructuring/
revision/ syllabus development as member of Board
of Study/Faculty/Curriculum Development workshop 25

2.10 Average percentage of attendance of students 83.79

2.11 Course/Programme wise Distribution of pass percentage

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B Sc	161	1.06	21.2	62.7	14.89	58.39
B Sc Home Sc	05	100	00	00	00	80
B A	201	-	2.83	66.0	31.13	52.7
M Sc Mathematics	96	26.3	36.7	22.4	14.28	51.04
M Sc Physics	26	-	6	94	-	65.38
M Sc Chemistry	28	12	44	44	-	89
M Sc Statistics	19	28	72	-	-	94.74
M Sc Botany	25	18.18	63.6	18.18	-	88
M Sc Zoology	29	-	-	91.3	8.69	79.31
M.Sc Home Science	8	71.42	14.8	14.8	-	87.5
M.A. History	56	-	10	27.5	62.5	71.42
M.A. Geography	16	6.67	80	13.33	-	93.75
M.A. Economics	53	-	4	60	36	47.17
M.A. Philosophy	2	-	100	-	-	50
M.A. Political Science	54	-	-	54.1	45.83	44.44
M.A. Psychology	13	7	54	38	-	100
M.A. Music	5	-	66.7	33.3	-	60

M.A. English	40	-	20	50	30	25
M.A. Marathi	54	0	7.14	50	42.85	77.25
M.A. Sanskrit	5	0	40	40	20	100
M.A. Hindi	6	-	-	80	20	83.33
M.A. Urdu	31	-	96.33	03.22	-	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- **Monitoring academic activities throughout the semesters** for Science streams and Annual pattern courses for others. The “**Vigilance Committee**” is formed for the purpose. The report of the committee is put before the Director.
- All the Departments conduct **Unit tests and Common test** for both annual and semester pattern courses as per the time table for sustenance of quality in teaching. **Examination committee** collects all the reports and **analyse them**.
- Special guidance is provided as per need of the students.
- Faculty members are encouraged to adopt the **new techniques** for teaching process.
- Teachers’ quality is assessed by the students’ **Feed Back**. The feedback is analysed.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	04
UGC – Faculty Improvement Programme	
HRD programmes	03
Orientation programmes	01
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	06
Others	00

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Positions	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	Class III-17	13	02	02	00
	Class IV-26	23	03	00	00
Technical Staff	Class III-14	06	08	03	00
	Class IV-44	44	00	00	00

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- IQAC and the institute always promote faculties and all departments to organise and also to attend the conferences, seminars, workshops etc. This year, 06 **Conferences/ seminars/ workshops** were **organized** by the institute.
- Twenty (20) Departments of the institute are **recognized research centres** of SGBAU.
- **Research Advisory Committee** was established for creating the research climate and motivating research in the institute.
- IQAC also conducted Academic and **Research Audit** of every faculty. **Scholarships** were given to the Research scholars of the institute.
- Students were advised and motivated to take part in “**Avishkar**”. The research oriented program of the SGBAU every year the Students represent the institution in the event.
- **Research oriented books** are made available for the researchers in the library.
- **Internet** facilities are available. The numbers of research papers are at the finger tip for the researchers.
- Research award namely “**Phule-Ambedkar Research Award**” is sponsored by the institute for the faculty.
- This year faculties have published 152 Research papers in various National and International journals.
- Steps had been taken to establish more linkage and collaborations. Three Departments already have linkages.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	2	1	NIL
Outlay in Rs. Lakhs	63.43			

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	07	08	01	03
Outlay in Rs. Lakhs	70.68			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	58	29	10
Non-Peer Review Journals	11	02	03
e-Journals	-	-	-
Conference proceedings	38	04	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Years	Name of the funding Agency	Total grant Sanctioned Rs. in Lakh	Received
Major projects	03	UGC	63.43	
Minor Projects	02	UGC	70.68	
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total Rs.			134.11	

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No. (Annexure V)

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE BT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences Organized by the Institution	Level	International	National	State	University	College
	Number		03	-	03	

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

Annexure VI

3.15 Total budget for research for current year Rs. in lakhs:

From funding agency From Management of University/College
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialized	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
04		01				03

3.18 No. of faculty from the Institution who are Ph. D. guides and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other (FIP)

3.21 No. of students Participated in NSS events:

University level State level
 National level International level

3.22 No. of students participated in NCC events:

University level	60	State level	05
National level	02	International level	

3.23 No. of Awards won in NSS:

University level		State level	
National level		International level	

3.24 No. of Awards won in NCC:

University level		State level	
National level		International level	

3.25 No. of Extension activities organized

University forum	01	College forum	03
NCC	05	NSS	16
		Any other	

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility:

Extension Activities:

- Ganesh Festival is a major event celebrated in Maharashtra. These days the Ganesh Idols are mostly made up of plaster of Paris which are coloured with synthetic colours. This, on immersion of idols, results in various kinds of pollutions. **For Environment awareness faculties participate in Clay Ganesh Idol Awareness Campaign.**
- **Observing and Studying the Working of our Legislative Assembly by actual visit:** Team of PG students of Political science department visited Assembly at Vidhan Bhavan, Nagpur.
- **Department of Physical Education organised a Summer Coaching Camp for Softball for School and College students free of cost.**

Environment Awareness:

- **One Day Workshop on ‘Environment Awareness’** on 19th Jan 2015. It is jointly organized by Department of Botany, Student Council and NSS department. Dr.Arvind Deshmukh, NSS Coordinator, SGBA University, Amravati was chief guest. Shri. Ajit Ingle, Manager Maharashtra BioB- Biological System was key note speaker of this workshop.
- **“Join Hands To Save Earth”:** Home Science department worked for **No Plastic Drive** under which plastic from the campus is collected and the container picked it up and it is send to the Project at Badnera for incineration, on every Saturday.
- For environmental development Tree Plantation is done along with **‘Wruksh Dindi’** (Tree rally) was organized on 5 Sep, 2014
- On the occasion of **Clean India Mission** by Prime Minister (Swachata Bharat Abhiyan) on 2nd October 2014 a special drive of Campus Cleaning was run

- NSS and Student's Council planted 100 **Bird Nests** on the trees in the campus.

Social Awareness:

- **Blood Donation Camp** was organized by NSS, NCC and Sports department on 5th Dec 2014 and 87 donors donated the blood .The camp was organised in collaboration with Gadge Baba Blood Bank, Badnera and HDFC bank.
- “**Matadan Jan-Jagruti**” (**Voting Awareness Rally**) was organized by NSS, NCC and Student's Council on 24 Sep 2014 for coming Assembly elections.
- Celebration of **International Women's Day** 8 March 2015 and **Kranti Jyoti Savitribai Phule Jayanti** on 3 Jan. 2015 by Women Cell.
- Political Science department organised a personality development workshop for tribal youth of Melghat Region.
- Zoology department conducted an activity of Haemoglobin and Blood Group testing.
- Home Science department celebrate Nutrition week for the awareness of healthy diet.

Criterion – IV**4. Infrastructure and Learning Resources**

4.1 Details of increase in infrastructure facilities:

Facilities		Existing	Newly created	Source of Fund	Total
Campus area		168 Acres	--	---	---
Class rooms		68	--	Government	68
Laboratories		48	--	Government	48
Seminar Halls		05	-	Government	05
Examination Office		01	-	Government	01
Museum		01	-	Government	02
Animal House		01	-	Government	01
NCC Office		01	-	Government	01
NSS Office		01	-	Government	01
Placement Cell		01	-	Government	01
Record Room		01	-	Government	01
Ramp for Physically Challenged Persons		02	-	Government	02
Women's Cell		01	-	Government	01
Library Building		01	-	Government	01
Sr. No.	Available Facilities in Library Building				
1	Stack Rooms	02	--	Government	02
2	Reading Halls	03	--	Government	03
3	Research Cubicles	08	--	Government	08
4	UGC-NRC	01	-	UGC	01
5	Catalogue Room	01		Government	01
6	Wash Rooms	04	-	Government	04
7	Binding Section	01	--	Government	01
8	Back Periodical Section	01	--	Government	01
9	Write off Section	01	--	Government	01
10	Old News Papers Section	01	-	Government	01
Auditorium		02	-	Government	02
Hostels (Boys:2 and Girls 2)		04	-	Government	04
Directors Residence		01	-	Government	01
Class II Residence,		02	-	Government	01
Faculty Quarters		17	-	Government	17
Class III Staff Quarters		08	-	Government	08
Class IV Staff Quarters		40	-	Government	40
Dispensary		01	-	Government	01
Directors Cabin		01	-	Government	01
Registrars Cabin		01	-	Government	01
Gardens		05	-	Government	01
Wells		05	-	Government	05
Water Tank		01	-	Government	01
College Canteen		01	-	Government	01
Play Grounds		11	-	Government	11
Cycle Stand		01	-	Government	01
Pavilion		01	-	Government	01
Gymkhana		01	-	Government	01
Yoga Bhavan		01	-	Government	01

Common Rooms(Girls & Boys)	02	-	Government	02
Wash Rooms (Ladies)	22	-	Government	22
Wash Rooms (Gents)	20			20
Firing Range	01			01
No. of important equipments purchased (\geq 1-10 lakh) during the current year.	06	04	DPDC	10
Value of the equipment purchased during the year (Rs. in Lakhs)	11.09 Lakhs	61.95 Lakhs	DPDC	10
Others				
Post Office	01		-	01
Joint Directors Office	01		-	01
Pre-Indian Administrative Services Training Institute	01		-	01
State Board of Text-Book Building	01		-	01
Police Station	01		-	01
Water Supply Office	01		-	01
NCC Maharashtra-08 Battalion Office	01		-	01

4.2 Computerization of administration and library

The office and departmental administration is computerized along with internet facility. The library has NLIST, DELNET and an internet center for the use of the students and researchers.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	94554	9796501	1007	419679	95561	10216170
Reference Books	26148	2672409	673	279778	26821	2952187
Total	120702	12468910	1680	699457	122382	13168357
Journals	43	35400	00	00	43	35400
Magazines	56	48707	00	00	56	48707
DELNET	All subjects 11500Subscription. 130 Lakh Record of Books and Periodicals, Articles, Dissertations is Accessible world wide					
CD & Video	76	0	5	0	81	0
News papers	20	30938	00	00	20	30938

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	203	09	Yes	10	01	13	23	03
Added	00	01	Yes	00	00	00	00	-
Total	203	10	Yes	10	01	13	23	03

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up-gradation (Networking, e-Governance etc.)

- Seminar on Cyber Security was conducted by Prof. Neeta Khobragade for Faculty members.
- Library is computerized with SOUL 2.0 Software. Data of all books is entered in the system and Book Bar Coding is done.
- The library is equipped with computers to enhance facility to the faculty and students. Internet facility is also available for students at central library and departmental sectional library.
- Each department is provided with a computer system and laptops with optical fibre internet connection for the teaching staff and students.
- The Institute provides the e-books, e-journals through NLIST and DELNET.

4.6 Amount spent on maintenance in Rs in Lakhs: Office

i) ICT	1.0
ii) Campus Infrastructure and facilities	13.68
iii) Equipments	0.25
iv) Others	3.0
Total:	17.93

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The IQAC holds the meetings of the heads of the departments, faculties and employees and orient them for student counselling and campaign about student support services.
- Notices, Bills, Handouts are put up on the notice boards to inform the students about the schemes and the services. This also includes appeals to the students for their participation.
- Student addresses and classroom meetings are arranged to aware the students about support services.
- Social media is effectively used for informing the students about student support services.
- The suggestion Box/ Complaint Box are kept in front of every Department and Hostel. The issues raised are addressed immediately.
- Students Grievance Cell functions effectively by redressing students' grievances.

5.2 Efforts made by the institution for tracking the progression

- Unit tests are regularly conducted as per academic planning, Examination committee analyse the results, IQAC monitors the analysis of the result and ensure the achievement of learning outcome.
- IQAC monitored academic calendar and checked whether the programs is running according to that or not.
- IQAC conduct meetings in the mid semester to look at the completion of syllabus.
- Academic audit forms are collected at the end of every year so as to get the record of result.

5.3 (a) Total Number of students

UG	PG	Ph.D.	Others	Total
1844	1498	91	15	3448

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

	No	%		No	%
Men	1385	41.44	Women	1957	58.55

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
844	654	163	1291	05	2957	1023	701	251	1364	03	3342

Demand ratio 1:3.2 Dropout 4.31%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- 1) The parent department has taken a great initiative by opening Pre Indian Administrative Services Training Institute within the premises of this institute.
- 2) Almost all the departments having P.G. courses conduct NET/SET guidance workshops. Counseling for these examinations is a continuous venture of all the faculty members.
- 3) The students can avail study books for competitive exams from the library of the institute. They are provided with well facilitated reading hall and internet centre.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT

IAS/IPS etc State PSC UPSC Others

5.6 Details of student counseling and career guidance

- Psychology Department run Counseling Centre for students by which they provide the psycho-social support and guidance services both in personal life as well as for career.
- Institute conducts formal counseling sessions for students (Personal and Career-Aptitude and Intelligence testing)
- Organized Guest Lectures and Seminars for career counseling.
- The Placement Cell is continuing its activities to guide the students towards meaningful jobs as the logical corollary to their educational pursuits.
- Two companies visited our institute and interviewed our students. **Shyam Infolab Pvt. Ltd.** on 22-11-2014 thirty students faced the interview among which 5 got selected. Then the same company again visited our institute and selected 6 more students.

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
2(In institute) 3(In other colleges)	30 (In institute) 45 (In other college)	11(In institute) + 07 (In other college) =18	47

5.8 Details of gender sensitization programmes

- An Institute has Women cell which conducts number of gender sensitization programs.
- The Women Cell organized a programme ‘ Jagar Arogyacha Ani Aaharacha’ on 11th December 2014 to stress the importance of good health and significance of diet for that.
- Renowned Gynecologist Dr. Kuthe spoke on significance of Yoga for good health of women.
- International Women’s Day was celebrated by organizing an interaction session for students with renowned educationists like Mrs. Jaymala Jadhav and Smt. Sanyogita Deshmukh.
- On January 3, 2015, Kranti Jyoti Savitribai Phule Jayanti was celebrated.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

Sr. No.	Scholarships/Freeship	Number of students	Amount
1	SC	485	1327519/-
2	OBC	735	2188326/-.
3	VJ/NT	121	279530/-
4	SBC	34	126108/-
5	ST	130	773922/-
6	PH. Handicap	03	13330/-
7	ST Free ship	03	7243/-
8	SC Free ship	22	48910/-
9	OBC Free ship	71	176104/-
10	VT/NT Free ship	11	16465/-
11	SBC Free ship	NIL	NIL
12	EKLAVYA	NIL	NIL
13	MINORITY	100	443350/-
14	GOVT. RESEARCH FELLOWSHIP	NIL	NIL
15	STATE GOVT. OPEN MERIT	NIL	NIL
16	EX SERVICEMAN	NIL	NIL
17	PTC/STC /EBC	NIL	NIL
18	DakshinChhatra Fellowship (MAandMsc)	NIL	NIL
19	Post graduate scholarship	15	4805/-
20	ArunKetakar Scholarship Graduate fellowship	102	62800/-
21	Sport Fellowship	2	1000
22	NCC Fellowship	2	1000
23	Financial support from other sources: Vidarbha Shikshan Sahayak Mandal, Amravati Old Vidarbhan Alumini Association sponsors scholarships every year	15 28	12400 19325
24	Number of students who received International/ National recognitions National Institute of Sanskrit Veer Utamrao Mohite Scholarship	08 01	37000 2800
	Total	1888	5541937

5.11 Student organized / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

- i. Grievances about internal marks are resolved by showing their answer papers and other records.**
- ii. Grievances received from the students regarding gymkhana, books of competitive examination, cycle stand other facilities of the campus. All these grievances are resolved as per rules and regulations.**
- iii. Grievance regarding inadequate drinking water at ladies hostel was resolved.**

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION: To foster and inculcate Local and Global competencies among the students through value based inclusive learning, provide education for living life, to promote public welfare, instill love and respect for our constitutional values.

MISSION:

- To Generate, Maintain and Disseminate Value-based Knowledge
- To Empower the Students to Meet the Emerging Global Competitive Challenges
- To Encourage and Support Research Activities among Student and Faculties
- To Produce Excellent Academic Merit through Learner Centre Education
- To Create Social and Environmental Awareness among the Students

6.2 Does the Institution has a management Information System

Yes, the institute has Management Information System.

It is used in the functioning of the college e.g. in administrative process, in Finances, Salary structure for employees, I-card generation, Income tax report, Arrears details, Loan details, Student Admission, Student registration, Fee details, Students details, Admission Slip generation, Students List, Library Management System etc.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- As the college is affiliated to Sant Gadge Baba Amravati University, there is a little scope in Curriculum development. The institute has to follow the curriculum developed by the university. However, 21 teaching faculties of the institute are active members of various Boards of Studies and statutory bodies of the university. They actively participate in curriculum development.
- Semester pattern is adopted by SGBAU, Amravati for Science and Home science faculties.
- Feedback and group discussions were conducted to discuss about the reconstruction of curriculum.

6.3.2 Teaching and Learning

- Each faculty member prepares **exhaustive teaching plan** for the course module for every session.
- The allotted syllabus is completed by every staff member within time.
- Apart from the traditional teaching methods, the **ICT facilities** are also used.
- A **feedback mechanism** is an effective method used for the improvement of teaching learning process
- Community interaction is encouraged through **field work, social surveys and visit to small scale industries.**
- **Group discussions, debates, quiz competitions** are organized to enhance retaining and recalling capability
- To promote practical based learning and to develop the research attitude **projects** are given to the students
- The institute also achieves quality improvement by organizing **lecture series** and **seminars** for teachers and students by eminent professors, experts, researchers and administrators.
- Study materials are shared with students.
- Continuous **up-gradation of library, enrichment of laboratory** to meet the growing academic requirements.
- **Special coaching is provided to slow learners.**
 - **Awards** are given to the meritorious students by the alumni and the faculties.

6.3.3 Examination and Evaluation

- Final examination is responsibility of the university. The institute shoulders big share of responsibility for conduct of university examinations.
- Institute **regularly conducts unit tests, common test** as per university pattern and analyze the results.
- Continuous Evaluation of students through **oral, class test, home assignments seminars and projects.**
- Evaluated answer books are distributed in the class for discussion of the ideal answer.
- The **students absent** for examination **are monitored.**
- Institute regularly conducts **practical tests.**
- Home science department has the autonomy to conduct the examinations for UG
- Some departments conduct **Open Book Test** and give challenging questions so that students have to think themselves and not by mugging the answers.
- Some departments conduct **Surprise Test** also so that students should be always prepared for examination.

6.3.4 Research and Development

- The institute is a recognized research centre of SGBAU
- **Research Advisory Committee provides essential facilities and encourages** the faculty to participate in various research based activities such as Conferences, Seminars, Workshops, Symposium, etc.
- Institute also **promote faculty members to visit foreign** countries for academic and research accomplishment.
- Faculty members are **encouraged to submit proposals** for Major or Minor Research Projects
- Research Committee regularly posts information about, forthcoming workshops, seminars and conferences.
- Institute also encourage various departments to conduct the conferences, workshops, seminars for grooming their academic and research thrust.
- Institute publishes International Peer Reviewed Research Journal “**Vidarbha Journal of Science**” with ISSN No. 0973-8932 and “**Srujan Prabhat**” with ISSN No. 2249-1171.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library:

- Library has its own Central building since 1981.
- The college provides the e-library facility, INFLIBNET to access e-resources and e-journals.
- Library avail e-journals facility by subscribing DEL NET and N_LIST
- Like every year number of books, magazines were added to the list of existing resources.
- Some departments have their own departmental library so that students and staff can get the references immediately.

VLC (Virtual Learning Centre):

Virtual Learning Centre (VLC) of the institute is one of the assets we have. Through this centre our institute can be connected with other Government institutes by which our students get opportunities to learn subject or to discuss with experts from other Government institutes.

- Tenders are called by the purchase Committee for procuring the equipments and ICT related peripherals, as per the budget and requirement

6.3.6 Human Resource Management

- The Director had formed 54 different committees in order to decentralize the work.
- Teachers are entrusted with various duties and responsibilities other than their regular academic schedules to develop multitasking skill. Accordingly, various committees like Women Cell, Placement cell, Purchase committee, Hostel committee, Prospectus committee etc. are formed.
- Teachers have been provided with essential facilities and encouragement to participate in various research based activities such as Conferences, Seminars, Workshops, and Symposium etc.
- The non-teaching staff is being motivated to attend various computer training and workshop in the field of computer and internet technology.
- Each department forms committees for the smooth functioning of the department, e.g. Unit test, UGC, CHB in-charge, time table committee etc.
- For any grievance or complaint a committee is formed which investigate the matter and suggest the solution to resolve it.

6.3.7 Faculty and Staff recruitment

The recruitment of the faculty is done by the government through Maharashtra Public Service Commission and the staff through the govt. agencies on merit and competitive basis.

6.3.8 Industry Interaction / Collaboration

- The institute regularly invites the experts, researcher, industrialists and academicians for interaction with teachers and students to acquaint with the modern trends in the present industrial scenario.
- Educational tours and field visits are organized by the institute to enhance the students' knowledge in recent industrial development.
- The alumni working in various industrial fields express their views and share their experiences with students and faculty. They also guide them to promote their research in the field of modern era.
- The department of Home Science interact with the Local Textile Industry.
- Physics department has collaboration with Science College, Nanded, for research and academic development of the faculty and Students.

6.3.9 Admission of Students

<p>A) Publicity of admission process:</p> <ul style="list-style-type: none"> • Prospectus: At the beginning of academic session the Institute prepares updated prospectus which provides detailed information about the institute regarding the courses offered and infrastructural facilities. It provides eligibility criteria for admission to each course, fee structure, documents necessary for the admission, etc. It enlists the subject combinations for three years B.Sc. Course. It also provides detailed information about academic as well as support facilities. The academic calendar, rules and regulations and prizes for rank holders are mentioned in the prospectus. The information about PG Courses, PG Diploma and Add-On Certificate Courses is also mentioned in the prospectus • Institute Website In addition to issuing of prospectus, the Institute has developed its website: www.gvishamt.org for the convenience of students and parents. The website contains all the information mentioned in the prospectus. • Institute Notice Board The information related to admission process is also displayed on the college Notice Board for the convenience of the students. <p>B) Transparency in Admission Process</p> <ul style="list-style-type: none"> • All reservation policies are followed • All the admissions are as per merit • Hostel facilities are available for girls as well as boys student

6.4 Welfare schemes for

Teaching	GPF, GIS, Medical Reimbursement, Quarters for Teaching Staff, Various Govt. Loan Schemes, Leave Travel Concession, Home Town Concession, Transfer Allowance
Non Teaching	GPF, GIS, Medical Reimbursement, Quarters for Non-Teaching Staff, Various Govt. Loan Schemes, Leave Travel Concession, Home Town Concession, Transfer Allowance, Credit Cooperative Society, Festival Advance, Employment on Compassionate Grounds
Students	Student Welfare Fund, Book Bank, Scholarship, Fellowship, Awards, Concession to Economically Weak Student, Health Insurance, Medical Aid, Sports Dept provides Sports Kits, Nutritious food, sport uniform etc. 10000 Rs. For international representation in sports.

6.5 Total corpus fund generated

Rs. 76713/-

6.6 Whether annual financial audit has been done

Yes

No

6.7 Whether Academic and Administrative Audit (AAA) have been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Director of Higher Education, Pune	Yes	Head of the Institution
Administrative	Yes	Director of Higher Education, Pune	Yes	Head of the Institution

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

N.A.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Ordinance No. : 19/2001. An Ordinance for Central Assessment Programme (SGBAU).

DIRECTION No.: 46/2010. Date: 05/07/2010.

Faculty of Home Science is shouldering the responsibility of winter examinations for SGB Amravati University Amravati where faculty members are working as setter's moderators

6.11 Activities and support from the Alumni Association

- Alumni associations “**Old Vidarbhians**” and **Vidarbha Shikshyan Sahayyak Mandal**”, sponsors awards for meritorious students in various faculties.
- In Alumni meet members of alumni put forth various suggestions about all over development of the institute.

6.12 Activities and support from the Parent – Teacher Association

- During parents’ visits to the departments and hostels, the faculties and hostel in-charge discuss with them about the progress of their ward.

6.13 Development programmes for support staff

- Support staff is sent for the training programmes sponsored by the government.
- Career advancement and promotion schemes are available for the staff.
- Loan facilities, medical expenses reimbursement, etc. Schemes are available for the support staff.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- The institution has constructed 02 'Shet Tale' (artificially created lakes for water harvesting for environmental conservation.).
- Every year before the summer artificial nests are hanged on the trees in the institution to provide shelter to the birds during the summer.
- Similarly, pots are hanged on the trees and filled with water daily to quench the thirst of birds.
- Plantation Programme was organized by NSS and the Department of Botany separately
- Plastic Eradication Programme was organized by the Department of Home Science in Oct.2014.
- Save the Birds Drive was arranged by N.S.S. in the month of December.
- Environment Awareness Programme was organized on 19 Jan, 2015 by N.S.S.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Development of New Improved Version of Income Tax Software by Dr.P.B. Lakhani
- Community Health Awareness Programme was conducted by the Department of Home Science.
- Plant Census, within campus, was conducted by the Department of Botany.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the Beginning of the year

- Various committees are formed for the smooth functioning of the institute in all directions.
- Meetings of IQAC are organized bi-weekly and the progress was being monitored.
- Director called meeting of all head of the departments to see the developments in every department.
- The Heads of departments conduct meeting with their departmental faculty and take the report of the work allotted to every one right from syllabus to other activities to be done in the department
- Meeting of Staff Council held twice in a year

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. Importance of Natural Fruit and Vegetable Colours to safeguard Health (Run by Home science department)
2. Skill Training Programs (Run by Psychology department (**Annexure VII**))

7.4 Contribution to environmental awareness / protection

- **Food and Water for Birds Drive** was successfully conducted by the Department of Zoology.
- Trekking to Malkhed- Pohara forest was organised by the Department of Zoology for documentation of birds.
- Water Conservation and Plantation Programme was organised by almost all departments, N.S.S., N.C.C. and Women Cell.
- ‘Say No to Plastic’ programme was organised by the Department of Home Science.
- Plantation Programme was organised by NSS and the Department of Botany separately
- Cleanliness programme was conducted by NSS on Republic Day 26th Jan.2015.
- Plastic Eradication Programme was organised by the Department of Home Science on 14 Jan 2014.
- Save the Birds Drive was arranged by N.S.S. in the month of December.
- Environment Awareness Programme was organised on 19 Jan, 2015 by N.S.S.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

STRENGTHS

- Building in roman architecture
- Lush Green campus with notable density and diversity of plants
- Being the Government institute fee structure is very affordable to the students.
- This institute has been nationally recognized for providing high quality education.
- Two Boys hostels and two Girls hostels
- Well furnished and equipped Laboratories.
- Well Qualified, Competent and Experienced Staff recruited through MPSC.
- Totally research oriented environment which is useful for post graduate students
- The institute has committed non- teaching staff.
- Self financing PG Courses in five subjects.
- Numbers of options are also available for different subject.
- Credit co-operative society for nonteaching staff members
- Five Wells with motors pumps (24 hours water supply) Water Reservoirs,
- Almost all the faculty members are the recognised research supervisor.
- Sufficient ICT facilities.
- Library with more than 1 lakh books with all required infrastructure and facilities
- Ragging free campus
- Highest number of merits in the merit list of Sant Gadge Baba Amravati University every year
- Institute with highest number of PG departments within jurisdiction of the University.
- The Institute has pride to find its alumni in every profession within the nation and abroad. It has produced the stalwart who enjoyed the offices like governor of the state, Chief minister of the state, Chief secretary, popular as poet, writer, Scientist, lawyer, Judges, Doctors, businessmen, etc. Shri A. L. Deoskar honoured with **VIRCHAKARA** in 1971

WEAKNESSES:

- The institute cannot recruit the vacant posts of teaching and non-teaching on its own, it has to rely on MPSC and Government of Maharashtra
- Less opportunity for jobs through campus selections in corporate sector due to basic subjects non-industrial syllabus.
- The Institute cannot generate funds on its own being a Government institute
- Teaching posts are transferable. It creates disturbance in research.

OPPORTUNITIES:

- Remedial coaching for weak students
- Treasure of books available in the library
- MoU and Industry Institute linkages are also opportunities for students
- Collaboration with National Laboratories for research can be done.

- It can become model institution of this region.
- Collaboration with national laboratories and Industries for research

CHALLENGES:

- Growing number of private institutes and colleges increases the competition
- Free education within the context of increasing trends of e-learning.
- To increase the qualifying rate of students in NET /SET examination.
- To reduce the dropout rate at UG & PG level.
- To increase the collaboration with external organizations, MOU with reputed Indian institute.

8.Plans of institution for next year

- Completion of the syllabus of U.G. in the month of Feb. -2015 and P.G. M.A. in Mar..2015.
- Evaluating through regular unit tests & Common tests.
- To prepare students for intercollegiate seminar competition.
- Awareness on importance of environmental Protection and biodiversity to be enhanced.
- Enrichment of Academic activities viz. Organizing Seminars, Workshops in respective subjects, organizing Guest lectures, promoting faculties to attend Conference, Seminar, Workshop at different centers, Promoting Research activities by publishing their work in Journals, Recognition of faculties' work at different levels and rewarding them suitably, MOU to be established with concerned Departments, Promoting submission of Research projects with UGC, DST.



Dr. Alka S. Gudadhe
Signature of Coordinator, IQAC



Dr. Sangita S. Yawale
Signature of the Chairperson, IQAC

Annexure I**List of Merit Students**

S.N.	Name of the students	Class/Subject	Order of Merit	Medal
1	Ku.Aditi Sarika Joshi	B.A.	7	
2	Ku.Priyanka Prakashrao Bhatkar	M.A. English	1	Gold
3	Ku.Sujata Ashok Bansod	M.A. English	2	Gold and Silver
4	Ku. Prachi Shiram Thaukar	M.A. English	4	
5	Ku.Pallavi Sureshrao Mahulkar	M.A. English	5	
6	Ku.Priyanka Arunrao Tayade	M.A. Marathi	3	
7	Ku.Pranita Dhanraj Bhagat	M.A. Marathi	8	
8	Sh.Tejes Sureshrao Dehankar	M.A. Marathi	9	
9	Ku.Mobina Anjum Saiyyad Shaquir	M.A. Urdu	1	Gold
10	Ku.Gulshan Firdos Abdul Kadir	M.A. Urdu	2	
11	Ku.Shaikh Jakiya Shaik Ibrahim	M.A. Urdu	3	
12	Ku.Afrin Tarannum M.Kalim	M.A. Urdu	4	
13	Ku.Sumaiya Khanam Baraktulla Khan	M.A. Urdu	5	
14	Ku.Swapna Bhashkarrao Kewtkar	M.A. History	1	Gold
15	Ku.Rupali Babanrao Gandhe	M.A. History	3	
16	Ku.Shital Ramrao Waykule	M.A. History	4	
17	Ku.Roshni Shiram Shendarkar	M.A. History	6	
18	Sh.Jay Gokul Pawar	M.A. History	8	
19	Ku.Shital Sudhakarrao Pingle	M.A. History	10	
20	Ku.Jyoti Mahadevrao Meshram	M.A. Statistics	2	
21	Ku.Rupali Devanand Rathod	M.A. Political Sci	10	
22	Sh. Pawan Mukundrao Makode	M.A. Economics	3	
23	Ku.Nikita Manoharrao Tapre	M.A. Economics	8	
24	Ku.Shradha Vishwanath Jadhao	M.A. Psychology	1	
25	Ku.Apeksha Lakshman Khade	M.A. Psychology	2	
26	Ku.Harshada Vinayakrao Thakare	M.A. Psychology	3	
27	Sh.Nitesh Wasudevrao Gulsundare	M.A. Philosophy	3	
28	Sh.JitendraSingh Jagatarsingh Maan	M.Sc. Maths	1	Gold and Silver
29	Ku.Pooja Dipak Agrawal	M.Sc. Maths	3	
30	Ku.Anjali Arjundas Khatri	M.Sc. Math	5	
31	Ku.Sharayu Vinayak Hade	M.Sc. Math	6	
32	Ku.Roshni Umrao Pathekar	M.Sc. Math	7	
33	Ku.Snehal Sureshrao Deshmukh	M.Sc. Math	7	
34	Ku.Minal Dipak Sahu	M.Sc. Math	9	
35	Sh.Harshal Ashokrao Nimkar	M.Sc. Math	9	

36	Ku.Neha Jaswantrai Thawani	M.Sc. Math	10	
37	Sh.Shrikant Ashok Joshi	M.Sc. Math	10	
38	Sh.Aditya Viredrakumar Tiwari	M.Sc. Physics	3	
39	Ku.Rakhi Vilasrao Bhagwat	M.Sc. Physics	4	
40	Ku.Mehjabeen Ansar Ahmad	M.Sc. Chemistry	9	
41	Ku.Namrata Sanjayrao Bhojne	M.Sc. Statistics	1	Gold
42	Ku.Chhaya Kashiram Metkar	M.Sc. Statistics	2	
43	Ku.Ruchita Dipakrao Kadu	M.Sc. Statistics	3	
44	Ku.Ashwini Vijayrao Kandalkar	M.Sc. Botany	2	
45	Sh.Wasim Shaikh Abdul Salam	M.Sc. Zoology	4	
46	Ku.Payal Nandakishor Shahu	M.Sc. Zoology	5	

Annexure II

Students Qualified in NET/SET/GATE

S No	Department	Name of the student	Examination	Year
1	Music	Shri Pawan Bharde	NET	2014
2		Shri Neelesh Bobde	NET	2014
3		Shri Amol Wadwe	NET	2014
4		Ku Tejaswini Dhaskat	NET	2014
5	Mathematics	Shri. Nitin Dhange	NET(JRF)	2014
6		Shri. Mahadeo Bhujade	NET	2014
7		Shri. Tushar Nakade	NET(JRF),SET	2014
8		Shri. Sachin Shingane	SET	2014
9		Shri. Mangesh Makode	SET	2014
10	Political science	Shri. Sukhdev Undare	SET	2014
11		Shri. Yogendra Barbde	SET	2014
12	Psychology	Shri. Kishor Shribhate	NET (Edu.)	2015
13		Shri. Rrajguru Ramteke	NET (Social Science)	2015
14	Botany	Mr. Jayendra Nakade	SET	2014
15		Mr. Jayendra Nakade	NET	2014
16		Mr. Abhimanyu Maheshwari	NET	2014
17	History	Shri. Pravin Wankhede	NET	2014
18		Shri. Nisarga Ade	SET	2014
19	Physics	Shri S.N.Narwade	NET	2014
20		Shri.G.P.Sawe	NET JRF (AIR 3)	2014
21	Sanskrit	Ku. Sarika Kamlakar Chutke	SET	2014
22		Ku. Vaishali Shankar Gahane	NET	2015
23		Ku. Yogita Ramdas Omkar	NET	2015
24	Zoology	Mr. Ved Patki	NET	2014
25	Marathi	Shri Pankaj Mundane	SET	2014
26	Urdu	Shri Syed Imran Ali Syed Zakir	NET	2014
27	English	Mr. Pravin Ugale	NET	2014
28		Mr. Ganesh Khandare	NET	2015
29		Mr. Gopal Rathod	NET	2015

Annexure III

Feed Back Analysis 2014-15

Section A

EVALUATION OF TEACHERS BY THE STUDENTS

FEEDBACK ANALYSIS REPORT

2014-15

At the end of the session, after completing the portion in the syllabus, each department conducts student's feedback for each teacher from students.

For 2014-15, to take feedback on individual teacher's performance from students, a questionnaire containing 3 sections was prepared out of which 2 sections Section A and B contains 9 and 5 questions respectively, section C requires descriptive answer. A random sample of 10 and 5 students was taken for U.G. and P.G. respectively for every teacher. Written feedback forms based on a 5-point scale are used to calculate a score for each teacher for section A and 3- point scale for section B. Section C requires descriptive answer so scores can not be calculated for this section. But students' suggestions and remarks are conveyed to the teachers. In this written feedback, the students have appreciated many facilities, teacher's planning and organizing quality, teaching-learning process, class management and evaluation process etc. There are some good suggestions which could be implemented to improve the students' facility.

Lowest and highest ratings for questions are noted which helps the teacher for improvement in lowest ratings in the next year. Average score of all the 9 questions is obtained for section A and of all the 5 questions is obtained for section B. This is overall rating of every teacher. Students' opinions are Statistically analyzed on 4- point scale for section A and B to find quality level of every teacher . The outcome of the analysis is conveyed to the teachers.

From the **2014-15 (Section A)** analysis, it is clear that for **U.G.**, **100 %** of the total staff from all the departments fall into category 4-5- very good i.e. **quality level A** and for **P.G.** **100 %** of the staff fall into category 4-5- very good i.e. **quality level A** .

From the **2014-15 (Section B)** analysis, it is clear that for **U.G.**, **83.64 %** of the total staff from all the departments fall into category 2.5-3.0- very good i.e. **quality level A**, **10.91%** fall into category 2.0-2.5-good i.e. **quality level B** and **5.45%** fall into category 1.5-2.0-Satisfactory i.e. **quality level C** and for **P.G.** **84.85 %** of the total staff from all the departments fall into category 2.5-3.0- very good i.e. **quality level A**, **9.09%** fall into category 2.0-2.5-good i.e. **quality level B** and **6.06%** fall into category 1.5-2.0-Satisfactory i.e. **quality level C**.

No	Subject	Name of Staff Member	UG						PG					
			Q No	Lowest Rating	Q No	Highest Rating	Overall Rating	Quality Level	Q No	Lowest Rating	Q No	Highest Rating	Overall Rating	Quality Level
1	Philosophy	Dr. Mamta D. Upgade	(A)-8	3.3	A1	5	4.60	A	(A)-8	3	A4	5	4.38	A
2		Prof. Udaykumae Tembhare	(A)-7	3	A1, 5,9	5	4.38	A	(A)-7	3	(A)-4,6,9	5	4.22	A
3	Geography	Dr. D. M. Wankhede							(A)-8	4	2Q	4.4	4.20	A
4		Dr. D. S. Sinkar							(A)-1	4	3Q	4.8	4.53	A
5		Dr. Rajendra P. Shinde	(A)-5	3.8	(A)-4	4.8	4.38	A	(A)-3	4	2Q	5	4.27	A
6		Dr. S. S. Kumar	(A)-6	3.8	(A)-8	4.6	4.29	A	3Q	4	(A)-3	5	4.31	A
7		Dr. Nanda V. Charthad	(A)-3	4	(A)-1	4.4	4.17	A	(A)-8	4	(A)-4	5	4.56	A
8		Dr. Sadhana S. Khandar	(A)-5,8	4	(A)-1	4.5	4.22	A	(A)-8	3.6	(A)-4,5	5	4.40	A
9		Dr. P. P. Magar							(A)-4	4.2	2Q	5	4.64	A
10	History	Dr. Sheela K. Umale	(A)-2,5,6	4.5	(A)-1	4.8	4.60	A	(A)-5,7	4.2	(A)-1	4.8	4.49	A
11		Dr. Mahadik Ghanshyam S.	(A)-6	4.2	(A)-2,5	4.8	4.56	A	(A)-4	4.2	(A)-8	5	4.60	A
12		Dr. B. R. Maske	(A)-8	4.5	(A)-5,6	4.8	4.67	A	(A)-4,5	4.4	2Q	5	4.71	A
13		Dr. Nalini Tembhekar	(A)-8	4.3	(A)-9	5	4.78	A	(A)-2	4.2	5Q	5	4.76	A
14	Home Science	Dr. Anjali Deshamukh	(A)-8	4.6	5Q	5	4.78	A						
15		Dr. Vandana A. Jungare	(A)-2,8	4.8	4Q	5	4.92	A						
16		Dr. Shubhangi Khandekar	(A)-5	4.1	(A)-3,6	4.9	4.50	A						
17		Prof. Vinaya V. Kant	(A)-8	4	(A)-1,9	5	4.68	A						
18	Psychology	Dr. Sharma S. K.	(A)-1	4.4	(A)-8,9	4.8	4.64	A	(A)-5	4.2	(A)-6	5	4.56	A
19		Dr. Deshamukh N. H.	(A)-1	4.5	3Q	5	4.86	A	(A)-1,2	4.6	7Q	5	4.91	A
20		Prof. Shelke V. K.	(A)-1,2	4.7	4Q	5	4.90	A	(A)-1	4.6	7Q	4.8	4.76	A
21	Political Science	Dr. Pratibha A. Bhorjar	(A)-5	4.3	5Q	5	4.79	A	(A)-6	4.2	5Q	5	4.73	A

22		Dr. S. K. Deolankar	(A)-5	4.5	4Q	5	4.84	A	(A) -5	4.4	6Q	5	4.87	A
23		Dr, K. H. Wasnik	(A)-8	3.8	4Q	5	4.64	A	(A) -8	4	5Q	5	4.71	A
24	Economics	Dr. S. S. Naik	3Q	4	(A) -6	5	4.39	A	4Q	4.2	(A) -4	4.6	4.33	A
25		Dr. Smt. V. K. Naik	(A)-1	4	(A) - 2,8	4.7	4.42	A	(A) -1,4	4	(A) - 2,5	4.8	4.36	A
26		Dr. V. M. Gawande	(A)-6	4.1	(A) -9	4.9	4.44	A	(A) -9	4.2	4Q	4.8	4.60	A
27	Music	Dr. Mukta Mahalle	3Q	4	5Q	5	4.62	A	4Q	4	5Q	5	4.56	A
28		Dr. Sudhir Mohod	(A)-7	3.7	(A) -4	5	4.36	A	3Q	4	4Q	5	4.51	A
29		Dr. B. B. Chaudhari	(A)-8	3.9	(A) - 2,3, 4	4.7	4.46	A	(A) -8	3.8	(A) -1	5	4.62	A
30	Computer Science	Prof.Prashant Sinalkar	1q	4	2q	4.7	4.47	A						
31		Sumedh Dharia	1a	4	1q	4.7	4.41	A						
32		Neeta Khobragade	1q	4.1	2q	4.6	4.42	A						
33	Maths	Dr. A.S. Gudadhe							1q	4.6	4q	5	4.80	A
34		Dr.Dhaigude R.M.							1q	3.1	5q	5	4.49	A
35	Chemistry	Dr. V. M Raut	3q	4.5	3q	4.9	4.70	A	1q	4.4	2q	5	4.73	A
36		Dr. D.T. Tayade	1q	4.2	5q	5	4.81	A	3q	4.4	3q	5	4.73	A
37		Dr. S.E.Bhandarkar	3q	4.5	2q	4.9	4.70	A	1q	4.4	2q	5	4.73	A
38		Dr.V.W.Banewar	3q	4.5	2q	4.9	4.62	A	2q	4.4	1q	5	4.62	A
39		Dr A R Raut	1q	4.4	1q	4.9	4.62	A	1q	4	1q	4.8	4.47	A
40		Prof.R.D.Isankar	2q	4.4	1q	4.9	4.64	A	1q	4.2	4q	4.8	4.62	A
41		Dr Rahim Shaikh	1q	4.4	1q	4.9	4.64	A	1q	4.2	2q	4.8	4.47	A
42	Physics	Dr. S P Yawale							1q	4.4	2q	5	4.71	A
43		Shri A R Junghare							1q	4.2	2q	4.8	4.58	A
44		Dr. N V Dhoke							1q	4.2	2	4.8	4.62	A
45		Dr. V R Pande							1q	4	2q	4.8	4.49	A
46		Dr. W J Gawande							1q	4.2	2q	5	4.71	A
47		Dr. A U Ubale							3q	4.4	1q	5	4.64	A
48		Dr. M P Lokhande							1q	4.2	3q	4.8	4.53	A
49		Shhri Honale							2q	4.4	2q	5	4.73	A
50	Urdu	Dr. Md Samiuallah									1	5	4.44	A
51		Dr. Shakeel Ahmed Khan									1	5	4.44	A
52	Sanskrit	Dr.Bhagavana Panda	6	4.6	1	4.9	4.72	A	8	4.6	3	5	4.84	A
53		Pranveer Patil	1	4.1	4	4.7	4.50	A	5	4.6	3	5	4.29	A
54		Pankaja Waghmare	7	4.1	4	4.8	4.54	A	8	4.8	3	5	4.73	A
55		Rupali Kavishwar	1	4.2	4	4.7	4.51	A	2	4.6	3	5	4.76	A
56	Marathi	Dr. Santosh Chavan	1	4.2	2	4.5	4.29	A						

57		Dr.Keshav Tupe	6	3.8	1	4.4	4.17	A						
58		Dr. Alka Hiwale	1	4.2	3	4.7	4.93	A	3	4	9	4.6	4.24	A
59		Dr.Sanjay Lohakare	1	4	2	4.7	4.26	A	1	4	8	4.6	4.18	A
60	Physical Education	Dr. S.G. vighe	8	4	2	5	4.83	A						
61		Dr. Vishakha Saoji	8	4.3	4	5	4.78	A						
62		Dr.K.A.Maske	6	4.6	1	5	4.82	A						
63	Zoology	Dr. V.S. Zade	5q	4.5	4q	4.7	4.58	A	1q	4.4	7q	5	4.89	A
64		Dr.P.H.Rohankar							1q	4.3	1q	5	4.60	A
65		Dr. Y A Gadhikar	2q	4.4	3q	5	4.77	A						
66		Dr.U S Deshmukh							1q	4.3	1q	5	4.60	A
67	Statistics	Dr.R.G.Kedia	1q	0	6q	5	4.40	A						
68		Dr.S.R.Kolhekar	2q	3.8	2q	4.8	4.14	A	1q	4.3	1q	5	4.14	A
69		Dr.P.B.Lakhani	1q	3.8	1q	5	4.20	A	1q	4.3	1q	5	4.60	A
70		Dr.N.S.Pandharikar	1q	4.3	1q	5	4.14	A	1q	3.8	1q	5	4.20	A
71		M.M.Rahatgaonkar	1q	3.8	1q	5	4.50	A	1q	4.3	1q	5	4.49	A

Section B

No	Subject	Name of Staff Member	UG						PG					
			Q No	Lowest Rating	Q No	Highest Rating	Overall Rating	Quality Level	Q No	Lowest Rating	Q No	Highest Rating	Overall Rating	Quality Level
1	Philosophy	Dr. Mamta D. Upgade	B4	1	B1, 2,3	3	2.24	B	B4	1	B1, 2, 3	3	2.24	B
2		Udaykumae Tembhare	B4,5	1	B1, 2,3	3	2.20	B	B4, 5	1	B1, 2, 3	3	2.00	B
3	Geography	Dr. D. M. Wankhede							(B)-1	1	4Q	2.6	2.58	A
4		Dr. D. S. Sinkar							(B)-1	1.6	(B)-3	2.8	2.58	A
5		Dr. Rajendra P. Shinde	(B)-1	1.1	(B)-2	2.3	1.66	C	(B)-1,4, 5	1	(B)-2,3	2.8	2.59	A
6		Dr. S. S. Kumar	(B)-1	1	(B)-2	2	1.52	C	(B)-1	1	2Q	3	2.58	A
7		Dr. Nanda V. Charthad	(B)-1	1	(B)-2	2.7	1.84	C	(B)-1	1	(B)-2	3	2.58	A
8		Dr. Sadhana S. Khandar	(B)-3	1.7	(B)-1	2.9	2.24	B	(B)-1,4, 5	1	(B)-2,3	3	2.58	A
9		Dr. P. P. Magar							(B)-1	1	(B)-3	2.8	2.58	A
10	History	Dr. Sheela K.	(B)-5	2.3	(B)	3	2.64	A	(B)	2.2	(B)	2.8	2.56	A

		Umale			-1				-5		-2			
11		Dr. Mahadik Ghanshyam S.	(B)-2	2.5	(B)-4	2.9	2.68	A	(B)-2	2.4	(B)-1,4	2.8	2.64	A
12		Dr. B. R. Maske	(B)-1	2.7	3Q	2.9	2.84	A	(B)-2	2.2	2Q	3	2.72	A
13		Dr. Nalini Tembhekar	(B)-4	2.2	3Q	3	2.80	A	(B)-4,5	2.6	3Q	3	2.84	A
14	Home Science	Dr. Anjali Deshamukh	(B)-1	2	4Q	3	2.80	A						
15		Dr. Vandana A. Jungare	(B)-4	2.9	4Q	3	2.98	A						
16		Dr. Shubhangi Khandekar	-	-	5Q	3	3.00	A						
17		Prof. Vinaya V. Kant	-	-	5Q	3	3.00	A						
18	Psychology	Dr. Sharma S. K.	(B)-2	2.7	3Q	3	2.90	A	(B)-3,5	2.8	3Q	3	2.92	A
19		Dr. Deshamukh N. H.	(B)-2,4,5	2.9	2Q	3	2.94	A	-	-	5Q	3	3.00	A
20		Prof. Shelke V. K.	-	-	5Q	3	3.00	A	-	-	5Q	3	3.00	A
21	Political Science	Dr. Pratibha A. Bhorjar	-	-	5Q	3	3.00	A	-	-	5Q	3	3.00	A
22		Dr. S. K. Deolankar	-	-	5Q	3	3.00	A	-	-	5Q	3	3.00	A
23		Dr. K. H. Wasnik	-	-	5Q	3	3.00	A	-	-	5Q	3	3.00	A
24	Economics	Dr. S. S. Naik	(B)-3	2	3Q	3	2.74	A	(B)-2	2.2	3Q	2.8	2.64	A
25		Dr. Smt. V. K. Naik	(B)-3,5	2.3	(B)-1	3	2.66	A	(B)-3	2.4	(B)-1	3	2.68	A
26		Dr. V. M. Gawande	(B)-3	2.3	(B)-4,5	2.7	2.64	A	(B)-2	2.2	3Q	3	2.80	A
27	Music	Dr. Mukta Mahalle	(B)-1	2.9	4Q	3	2.98	A	-	-	5Q	3	3.00	A
28		Dr. Sudhir Mohod	(B)-2	2.3	(B)-1	2.8	2.54	A	4Q	2.2	(B)-5	2.8	2.32	B
29		Dr. B. B. Chaudhari	(B)-3,5	2.2	(B)-2,4	3	2.60	A	(B)-2,5	2.2	(B)-3,4	3	2.60	A
30	Computer Science	Prof. Prashant Sinalkar												
31		Neeta Khobragade	1q	2	1q	2.6	2.42	B						
32		Dhiraj Amrutkar	1q	1.8	1q	2.8	2.38	B						
33		Sumedh Dharia	1q	2	1q	2.9	2.40	B						
34	Maths	Dr. A.S. Gudadhe								0	5q	3	3.00	A
35		Dr. Dhaigude R.M									5q	3	3.00	A
36	Chemistry	Dr. V. M Raut	1q	1	3q	3	2.60	A	1q	1	3q	3	2.60	A
37		Dr. D.T. Tayade	1q	1	3q	3	2.60	A	1q	1	3q	3	2.60	A
38		Dr. S.E. Bhandarkar	1q	1	3q	3	2.60	A	1q	1	3q	3	2.60	A
39		Dr. V.W. Banewar	1q	1	3q	3	2.60	A	1q	1	3q	3	2.60	A
40		Dr. A R Raut	1q	1	3q	3	2.60	A	1q	1	3q	3	2.60	A
41		Prof. R.D. Isankar	1q	1	3q	3	2.60	A	1q	1	3q	3	2.60	A

42		Dr Rahim Shaikh	1q	1	3q	3	2.60	A	1q	1	3q	3	2.60	A
43	Physics	Dr. S P Yawale									5q	3	3.00	A
44		Shri A R Junghare									5q	3	3.00	A
45		Dr. N V Dhoke							1q	2.8	4q	3	2.96	A
46		Dr. V R Pande							2q	4	2q	4.8	2.60	A
47		Dr. W J Gawande							2q	2.8	3q	3	2.92	A
48		Dr. A U Ubale							1q	2.8	4q	3	2.96	A
49		Dr. M P Lokhande									5q	3	3.00	A
50		Shhri Honale									5q	3	3.00	A
51	Zoology	Dr. V.S. Zade			5q	3	3.00	A			5	3	3.00	A
52		Dr.P.H.Rohankar							1q	2.8	4q	3	2.96	A
53		Dr. Y A Gadhikar	1q	2.4	1q	3	2.72	A						
54		Dr.U S Deshmukh							2q	2.1	3q	3	2.76	A
55		Dr. Vaibhao G. Thakare							1q	2.8	4q	3	2.96	A
56	Statistics	Dr.R.G.Kedia	1q	2.6	4q	3	2.92	A						
57		Dr.S.R.Kolhekar	1q	2.4	1q	3	2.72	A	1q	2.8	4q	3	2.96	A
58		Dr.P.B.Lakhani	1q	2.4	1q	3	2.72	A	1q	2.8	4q	3	2.96	A
59		Dr.N.S.Pandharikar	1q	2.8	4q	3	2.96	A	1q	2.6	4q	3	2.92	A
60		M.M.Rahatgaonkar	1q	2.6	4q	3	2.88	A	1q	2.8	4q	3	2.96	A
61	Urdu	Dr. Md Samiuallah									10	3	3.00	A
62		Dr. Shakeel Ahmed Khan									10	3	3.00	A
63	Marathi	Dr. Santosh Chavan			10	3	3.00	A			10	3	3	A
64		Dr. Keshav Tupe			10	3	3.00	A			10	3	3.00	A
65		Dr. Alka Hiwale			10	3	3.00	A			10	3	3.00	A
66		Dr. Sanjay Lohakare			10	3	3.00	A			10	3	3.00	A
67	Sanskrit	Dr. Bhagavana Panda	12	2.8	10	3	2.94	A	14	2.6	13	3	2.80	A
68		Pranveer Patil	10	2.6	12	2.7	2.76	A	11	2.6	10	2.8	2.72	A
69		Pankaja Waghmare	11	2.5	10	2.9	2.90	A	11	2.4	10	2.8	2.92	A
70		Rupali Kavishkar	11	2.5	13	2.7	2.90	A			10	2.8	2.92	A

Annexure - IV

Academic Calendar

2014-2015

Duration	Days	Holidays/Sundays	Teaching Days	Distribution of work
9 Jun – 30 Jun	22	3S	19	(BA I, B Sc.I, MA I, M Sc. I) Admission Teaching & Learning
1 July – 31 July	31	1H & 4S	26	Teaching & Learning
1 Aug – 31 Aug	31	3H & 5S	23	Teaching & Learning
1 Sep – 30 Sep	30	2H & 4S	24	Teaching & Learning
1 Oct – 18 Oct	18	2H & 2S	14	Teaching & Learning
Vacations (Winter) 19 Oct – 9 Nov	22			
10 Nov – 30 Nov	21	3S	18	Teaching & Learning
1 Dec – 31 Dec	31	1H & 4S	26	Teaching & Learning
1 Jan – 31 Jan	31	1H & 4S & 4 Gathering	22	Teaching & Learning
1 Feb – 28 Feb	28	2H & 4S	14	Teaching & Learning (8 days UG Common Test)
1 Mar – 15 Mar	15	1H & 2S	8	Teaching & Learning (4 days PG Common Test)
16 Mar – 25 Apr	41			Preparation + Examination
Total Teaching day			194	
Vacation Summer 26 Apr – 14 Jun				

ANNEXURE V

List of Books Published with ISBN

No	Title	Author	Publisher	ISBN
1	A Text Book of Chemistry, B Sc III, Sem VI	Dr D T Tayade,	Nabh Prakashan, Amravati	978-81-905776-101-5
2	A Text Book of Practical Chemistry, B Sc III, Sem V &VI	Dr D T Tayade,	Nabh Prakashan, Amravati	978-81-905776-101-4
3	<i>Girvanmanjari</i>	Dr Bhagawan Panda, Pankaja waghmare, Rupali Kavishwar	Atharva Publications	978-93-82230-00-7
4	<i>Dilli Saltanatcha Itihas</i>	Dr G S Mahadik	Educational Publisher, Aurangabad	978-93-80876-69-6
5	A Text Book of Physics, Quantum mechanics, Nuclear Physics and Electronics	Dr A U Ubale	Nabh Prakashan	978-81-905776-250-3
6	A Text Book of Physics, Mechanics, Wave Oscillations and Properties of Matter	Dr A U Ubale	Nabh Prakashan	978-81-905776-250-8

Annexure VI

Linkages:

Department of Mathematics with NBHM (National Board of Higher Mathematics)

Introduction: The **National Board for Higher Mathematics** (NBHM) was set up by the **Government of India under the Department of Atomic Energy** (DAE), in the year 1983, to foster the development of higher mathematics in the country, to formulate policies for the development of mathematics, help in the establishment and development of mathematical centers and give financial assistance to research projects and to doctoral and postdoctoral scholars.

The department of Mathematics has Linkage with “**National Board of Higher Mathematics**” (NBHM) since 20-25 years. NBHM sends many books related to post graduate teaching or research level. These books are treasure for our institute. Till the date nearly 500 books are gifted by NBHM to the department of Mathematics.

The students of M Sc (Mathematics) of this institute also appear to the examination conducted by NBHM for giving scholarships to the students for doing their Ph. D.

Benefits by this Linkage: This linkage is definitely beneficial to the students because

- Students have been gifted by wonderful books in research areas.
- Students get a chance of getting scholarships for research activities.

Difficulties to Face: Many times the examination dates of M Sc of SGBAU and the Scholarship examination of NBHM overlap due to which our students fail to appear that.

Annexure VII

BEST PRACTICES

Best Practice: 1

Title: Importance of Natural Fruit and Vegetable Colors to Safeguard Health

Specific objectives

- To disseminate information on benefits of colourful fruits and vegetables.
- To promote the inclusion of more fruits and vegetables in the diet to safeguard family health.
- To motivate housewives and create awareness through preparation of health drink competition.

The Context:

Since 35 years Department of Home science runs a three year degree course in home science. Food and Nutrition is one of the important core subject taught at B.Sc. level. Community extension is another important core subject in home science. Therefore, it has become a moral duty of the home scientist to extend knowledge and information to the community.

Nutrition and health education can be defined as a planned effort to improve nutrition and health status by bringing about changes in the behavior of people. It is a process by which people gain knowledge and develop confidence and skills needed for establishing good dietary and health practices. Most people have some knowledge in nutrition but a very few have correct knowledge about the concepts and finer nuances of the subject, Hence, there is need for nutrition education for both literate and illiterate.

Practice:

At the outset Dr.Anjali Deshmukh explained the definition of health given by WHO. A vast amount of information across, to a target group by power point presentation was given, which included causes of ill health.

Health is defined by World Health Organization as the state of complete Physical, Mental and Social well-being and not merely the absence of disease and infirmity. According to (WHO) environmental pollution is the fifth leading cause of death in India.

Industries and vehicles, Dust-mites, air fresheners, off gassing from plastics lead to sinus infections, asthma and lung diseases. Heart attack, cancer, sperm mutation and fetal intelligence, rises due to pollution. Insecticides, pesticides, stale food, fast food/junk food/processes food/packaged foods, synthetic food colours, preservatives, thickness artificial vitamins, minerals, nutrients, alcohol, drug, tobacco, smoking, excess consumption of antibiotics and painkillers are the major cause of ill health. Free radicals and reactive oxygen molecule have potentially injurious effects.

Free Radicals - In body mechanism different biochemical reactions take place, which continuously produce free radicals, causing damage in the cells, proteins, DNA and RNA. Cumulative tissue injury is thus caused by free radicals is now known to underlie the pathogenesis, radiation damage and accelerated ageing.

Thus, the USDA definition of antioxidant can be extended in a nutritional context to include compounds that protect biological systems against the potentially harmful effects of processes or reactions that can cause excessive oxidations.

Phytochemicals As Nutraceuticals

Biologically active compounds of plant origin are known as phytochemicals. Most of them exhibit their activity as antioxidant, detoxifying agents or simply by physico-chemical means in the case of dietary fibers. Phytochemicals are nutraceuticals. A single vegetable or fruit might contain hundreds of these phytochemicals.

The major phytonutrients identified to have nutraceutical properties including isoprenoids, polyphenolics, glucosinolates and phytosterols. The identification is based on their protective functions and the physical and chemical characteristics of their molecules.

Different phytochemicals serve the human body in different ways. They act as antioxidants, fight viruses and bacteria, reduce inflammation, suppress tumor growth, lower cholesterol, mimic hormones, and relax blood and immune system. These are no ordinary chemicals. These compounds may actually ward off some of the serious threats looming large around today.

Isoprenoids

Isoprenoids represent the largest class of phytonutrients. Lycopene, β -carotene, α carotene, lutein zeaxanthin astaxanthin are carotenoid terpenoids. Perillyl alcohol, saponins, terpenoid and terpene limonoids belong to non carotenoid terpenoids. Terpenes act as subclasses.

Carotenoids and limonoids are two major terpene subclasses.

Carotenoids are plant pigments that give many fruits and vegetables their vibrant colours. Green, yellow, orange and red coloured vegetables and fruits are the most important sources of carotenoids in human diet. Over 600 carotenoids have been identified and these includes α and β carotenes, lutein, lycopene and various xanthophylls.

Carotenoids are also powerful antioxidants. Chain breaking antioxidants inhibit the propagative phase. β -carotene acts as a chain breaking antioxidant. Carotenoids help offset from the damage done by oxidation and prevent cancer, heart diseases, muscular degeneration and accelerated ageing. α carotene inhibits tumor growth.

Lycopene is a carotenoid found in tomatoes, water melon, red peppers and pink grape fruit. They are most effective biological single-oxygen quenchers, two times as powerful as β -carotene in the destruction of free radicals. Research has shown that lycopene reduces the risk of prostate cancer. Studies have also shown that women with the highest levels of lycopene in their blood were five times less likely to develop pre-cancerous signs of cervical cancer.

Lutein and zeaxanthin reduce the risk of lung cancer and breast cancer.

Limonoids are a group of chemically related triterpene derivatives and they act as chemopreventive agents. Limonin followed by nomillin are the predominant members of this group. Limonin is in a class of phytochemicals called monoterpenes. It has been shown to

block and suppress carcinogenic events. Limonoids act as antioxidant protecting lung tissue from free oxygen.

Limomoids act as chemopreventive agents that induce enzymes in the liver's phase I and phase II enzyme detoxification system. This system detoxifies carcinogens by making them more water soluble for excretion from the body.

Citrus peel can act as nutraceutical supplying limonoids. Monoterpense are found in parsely, carrots, broccoli, cabbage, cucumbers, egg plants and citrus fruits.

Why Fruits and Vegetables ?

Fruits and vegetables are nature's wonderful gift to the mankind. Indeed they are life-enhancing medicines packed with vitamins, minerals, antioxidants any many phytonutrients (Plant derived micronutrients) F.& V. have unique nutrition profile that help human body to free from disease and keep it healthy. The colour of your fruits and vegetables makes a difference because the pigments that produce colours are also the phytonutrients.

Why Safety Drink Competition?

To make the people aware of the importance the competition was organized on preparation of healthy and nutritious drinks which women prepare at houses with the motto to reduce heat during summer season and also for taking care of family health. To diffuse the knowledge about how to select red, purple yellow, dark pink, orange, green and white fruits and vegetables, how to make use of them by maintaining them with their original colours during the competition, sharing and exchange of innovative recipes of healthy drinks prepared using verity of colorful fruits and vegetables,

Evidence of Success:

Large number of women participated in healthy drink competition followed by workshop. Colourful exhibition of healthy and safety drinks was the outcome of the competition. Apart from the guidance of key speaker invited speaker Dr. Aasha Deoskar, Ex-Principal, Mahila Mahavidyalaya, Amravati and senior faculty in food and nutrition also had provided adequate guidance to the participating women in the spechcs. Guests honored the winners by presenting prizes to them. Large number of students and people from various corners of Amravati visited the exhibition and made the event a successful story.

Problems Encountered

Problems encountered due to short of human and monetary resources were overcome keeping the strong will.

Best Practice 2

Topic: SKILL TRAINING PROGRAMS

This practice was performed by Psychology department. It was implemented in two phases. Phase A was “Study Skill Training Program” and Phase B was “Career Guidance for Girl Students”.

A) STUDY SKILL TRAINING PROGRAM

Goals :

- To teach students how to study scientifically
- To inculcate habits in students for effectively study
- To sensitize students to get maximum out of the academic syllabus.

Need:

- Poor socio /economic and rural background of majority of the students.
- Poor reading habits and language skills of students
- Poor exposure to the skills required to excel

Practice :

Two day Study Skill Training Program for Junior College Students was organized by Dept. of Psychology. The program took place on 26-08-2014 and 02-09-2014.

Dr. S.K. Sharma and Dr. Neelam Deshmukh were the guides for the program. 90 students took part in the training. Shri. P.M. Malasane keenly motivated the students to attend the program.

On 26th August the students were administered the 'Study Habits Inventory'. Ku. Vaishali Thawali & Shraddha Harkanche explained the need of the test and administered the test.

Shri. Sharad Mankar, Ms. Vaishali Shelke, Suresh Jamotkar worked for scoring and analyzing of the tests.

On 2nd Sept. 2014 on the basis of the results of the tests, the students were oriented with the lectures to get knowledge of how to study effectively.

Topic

Speakers

How to improve memory	-	Ku. Shraddha Harkanche
How to deal stress of studies	-	Dr. Neelam Deshmukh
How to concentrate and retain	-	Ms. Vaishali Shelke
Memory Skills and time Management-		Shri. Ravi Aloni

A session was held on 2nd Sept. 2014 when students freely discussed their problems and gave feedback about the program. Solutions and tips were given to the problems for improving study skills.

The students were very much happy about the organization of such a program. They came to know about their shortcomings and also knew the ways and means to overcome their difficulties. The program was beneficial to improve the study skills of the students.

Problems encountered and resources required:

- Students are not keen to attend program
- The academic schedules/ lectures on each and every day make it difficult for the students and staff to find time for other activities.

B) CAREER GUIDANCE FOR GIRL STUDENTS

Goals:

- To develop confidence
- To develop all round personality
- To develop soft skills to succeed in life especially for girl students.

Need:

Girls have been traditionally treated in a different manner than boys in Indian Society. The environment starting from home and society at large treats girls as second class. All the facilities of food, study, exposure to learn skills are predominantly for boys. To empower the girls to be prepared for becoming successful in life skills training is necessary.

Practice:

Department of Psychology, Women cell and Personality development, Career guidance, Placement and Counseling cell Organized a Four Day Training Program for Girl students. The Program was held from 17/11/2014 to 20/11/2014 daily at 12.00 noon to 5pm. The topics and speakers were as follows

17/11/2014.	1) Computer Awareness	-	Dr. Nanda Pandharikar ,
	2) Communication Skills	-	Dr. Sonali Rode
18/11/2014	1) Personality Development	-	Dr. Neelam Deshmukh ,
	& Development of Self confidence		
	2) Language Skills	-	Dr. Balasaheb Kulkarni
	1) Interview technique and		
19/11/2014	Group Discussion	-	Dr. Shailendra Devlankar
	2) Textiles	-	Dr. Malti Gayakwad
20/11/2014	1) Textiles	-	Dr. Malti Gayakwad
	2) Question Answer session - Experts		

The Lectures and Question-Answer session were most useful for the girl students. The students learned how to prepare their resume, developing self confidence, communication skills and interview technique. This made them confident to take the problems in job market or careers.

Evidence of Success: The candidates wanted the program be held regularly for benefit of getting updated knowledge in their vocational field.
